Amendments to the Specification

Applicant presents replacement paragraphs below indicating the changes with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing.

Please replace the paragraph beginning on page 2, line 2̶0̶ ¹⁹ which starts with "To perform the stroke analysis, in accordance with one aspect of the present invention" with:

To perform the stroke analysis, in accordance with one aspect of the present invention, a model for curvature features for single strokes is trained using a trainable classifier, such as a support vector machine (SVM). The curvature features are represented by a curvature vector. The curvature vector may include information obtained, for example, by a tangent histogram or ~~discreet~~ discrete curvature calculation of a stroke. Using the trainable classifier, a single stroke may be classified in accordance with the stroke's curvature vector as either "text" or "unknown."

Please replace the paragraph beginning on page 5, line 15, which starts with "Fig. 5…" with:

FIG. 5 is a representation of an ink trace showing how ~~discreet~~ discrete curvature may be calculated in accordance with one aspect of the present invention;

Please replace the paragraph beginning on page 22, line 3, which starts with "In accordance with one aspect…" with:

In accordance with one aspect of the present invention, a trainable classifier is trained to define hyperplanes for curvature features of known stroke values. To this end, FIG. 4 shows a general overview of a process for training the trainable classifier to